

## **Modeling Workgroup**

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- **Report for MSTRS**
- **July 14, 1999**

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## **Modeling Workgroup Meeting**

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- **Meeting held July 1, 1999**
- **Subject - review of MOBILE6 issues**

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## **MOBILE6 Workshop**

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- **Workshop held June 29-30, 1999 in Ann Arbor**
- **Presentations/reports on web**
  - » <http://www.epa.gov/omswww/models.htm>

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## **Review of MOBILE6 Issues**

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- **Workgroup meeting - open discussion of MOBILE6 issues identified through**
  - » **MOBILE6 workshop**
  - » **Stakeholder review**
- **List of issues discussed on last 2 slides**
- **Will prepare a summary of the discussion for October MSTRS meeting**

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## **General Workgroup Conclusions - Review of MOBILE6**

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- **Appeal for harmonization of emission estimates with CARB**
- **Concern with lack of data on current and future technology emission behavior**

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## **General Workgroup Conclusions - Review of MOBILE6**

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- **MWG wants to prepare two recommendations for MSTRS**
  - » **Reasonable schedule for updating basic parts of the MOBILE model**
  - » **List of research needs for the model on emerging technologies and emission issues**

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## **Workgroup Mtg. - List of MOBILE6 Issues**

- Need for recruitment bias adjustment
- High emitter emission level as a function of age?
- CO emissions of Tier 1 and NLEV vehicles change because of the HC standard changes?
- OBD response rates too pessimistic?

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## **Workgroup Mtg. - List of MOBILE6 Issues**

- Need for trip/area wide vs. roadway type and link emission estimates
- RVP still a parameter of concern?
- Vehicles repaired in IM have different deterioration than the rest of the fleet?
- Frequency of liquid leakers in the fleet differs for carbureted vs. FI vehicles?

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